

ABSTRACT OF THE INVENTION

A hot water heater comprises a valve control unit having a gas inlet, a pilot burner, a main burner and a damper assembly. The damper assembly has a pressure diaphragm, a gearing mechanism and a movable damper. The control unit being coupled to operatively supply gas to the pilot burner, the main burner and the damper assembly whereby when gas is supplied to the damper assembly, the pressure diaphragm is moved to thereby cause the gearing mechanism to move the damper from a first position to a second position.

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